

ZRC Worldwide

Recommended specifications for using ZRC for as a high performance primer for topcoating

1. SSPC Paint Specification 20 – Zinc-Rich Coating: Type II – Organic; Level 1 – equal to or greater than 95% zinc dust by weight present in the dried film.
2. Zinc Dust Content - ASTM D 520 Type III Zinc Dust - .002% maximum lead by weight
3. Weight per gallon – not less than 24 lbs.
4. VOC Content - ASTM D 3960, 385 g/l (3.3 lbs per gallon) maximum
Color and Gloss – Matte grey “battleship grey” color
5. Manufacturers: Subject to compliance with requirements, provide weld/galvanizing repair compound by one of the following:
 - a. ZRC Cold Galvanizing Compound, ZRC Worldwide (www.zrcworldwide.com, (800 831-3275))
 - b. No known equal.
7. Follow manufacturer’s application instructions.

Manufacturer to provide Certificate of Conformance to above criteria.

Options:

a. LEED Projects – make following substitutions:

4. VOC Content - ASTM D 3960, 221 g/l (1.8 lbs per gallon) maximum
6. Manufacturers: Subject to compliance with requirements, provide weld/galvanizing repair compound by one of the following:
 - a. ZRC 221 Galvanizing Repair Compound, ZRC Worldwide (www.zrcworldwide.com, (800 831-3275))
 - b. No known equal.

Specification Sections Where High Performance Painting is Commonly Required:

Division 5

Cold Formed Metal Framing

Expansion Joints

Metal Decking

Metal Fabrications

Metal Joists

Metal Railings

Metal Stairs

Ornamental Metals

Ornamental Stairs

Structural Steel